

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

CD45

RRID:AB_1937324

Type: Antibody

Proper Citation

BD Biosciences Cat# 560777, RRID:AB_1937324

Antibody Information

URL: http://antibodyregistry.org/AB_1937324

Proper Citation: BD Biosciences Cat# 560777, RRID:AB_1937324

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Antibody ID: AB_1937324

Vendor: BD Biosciences

Catalog Number: 560777

Record Creation Time: 20250819T222635+0000

Record Last Update: 20250820T021212+0000

Ratings and Alerts

No rating or validation information has been found for CD45.

No alerts have been found for CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Wang K, et al. (2025) Ontogeny Dictates Oncogenic Potential, Lineage Hierarchy, and Therapy Response in Pediatric Leukemia. bioRxiv : the preprint server for biology.

Yang Y, et al. (2025) Perioperative administration of CBM588 in colorectal cancer radical surgery: A single-center, randomized controlled trial. Cell reports. Medicine, 6(7), 102234.

Chen Y, et al. (2025) A Machine Learning-Based Strategy Predicts Selective and Synergistic Drug Combinations for Relapsed Acute Myeloid Leukemia. Cancer research, 85(14), 2753.

Pons J, et al. (2025) Protocol for phenotyping and isolation of dendritic cell subsets from blood and lymphoid organs of non-human primates and humans by flow cytometry. STAR protocols, 6(3), 103897.

Jakobsen NA, et al. (2024) Selective advantage of mutant stem cells in human clonal hematopoiesis is associated with attenuated response to inflammation and aging. Cell stem cell, 31(8), 1127.

Leonard NA, et al. (2024) Tumor-associated mesenchymal stromal cells modulate macrophage phagocytosis in stromal-rich colorectal cancer via PD-1 signaling. iScience, 27(9), 110701.

Gardet M, et al. (2024) Identification of macaque dendritic cell precursors in blood and tissue reveals their dysregulation in early SIV infection. Cell reports, 43(4), 113994.

Long KD, et al. (2023) Chimerism and phenotypic analysis of intraepithelial and lamina propria T cells isolated from human ileal biopsies after intestinal transplantation. STAR protocols, 4(2), 102192.

Felices M, et al. (2023) Reverse Translation Identifies the Synergistic Role of Immune Checkpoint Blockade and IL15 to Enhance Immunotherapy of Ovarian Cancer. Cancer immunology research, 11(5), 674.

Kan WL, et al. (2023) Distinct Assemblies of Heterodimeric Cytokine Receptors Govern Stemness Programs in Leukemia. Cancer discovery, 13(8), 1922.

Roschewski M, et al. (2023) Phase I Study of Acalabrutinib Plus Danvatirsen (AZD9150) in Relapsed/Refractory Diffuse Large B-Cell Lymphoma Including Circulating Tumor DNA Biomarker Assessment. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(17), 3301.

Lim JH, et al. (2022) Plasma cells arise from differentiation of clonal lymphocytes and secrete IgM in Waldenström macroglobulinemia. *iScience*, 25(8), 104856.

Huang SSY, et al. (2022) Transcriptomic profile investigations highlight a putative role for NUDT16 in sepsis. *Journal of cellular and molecular medicine*, 26(5), 1714.

Kenney DJ, et al. (2022) Humanized mice reveal a macrophage-enriched gene signature defining human lung tissue protection during SARS-CoV-2 infection. *Cell reports*, 39(3), 110714.

Krivdova G, et al. (2022) Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML. *Cell reports*, 38(10), 110481.

Takayama N, et al. (2021) The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. *Cell stem cell*, 28(3), 488.

Huang SSY, et al. (2021) Transcriptome and Literature Mining Highlight the Differential Expression of ERLIN1 in Immune Cells during Sepsis. *Biology*, 10(8).

García-Prat L, et al. (2021) TFEB-mediated endolysosomal activity controls human hematopoietic stem cell fate. *Cell stem cell*, 28(10), 1838.

Mulder K, et al. (2021) Cross-tissue single-cell landscape of human monocytes and macrophages in health and disease. *Immunity*, 54(8), 1883.

Mishra A, et al. (2021) Microbial exposure during early human development primes fetal immune cells. *Cell*, 184(13), 3394.